

# Converting Colors

Android(4279572200)

Have a look what the booklet for  
Android(4279572200) contains.

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# Color

**Android(4279572200)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1516E8
RGB	21, 22, 232
RGB Percent	8%, 9%, 91%
CMY	0.9176, 0.9137, 0.0902
CMYK	0.91, 0.91, 0.00, 0.09
HSL	240°, 83%, 50%
HSV	240°, 91%, 91%
XYZ	15.1617, 6.5594, 76.8109
YIQ	45.6410, -68.0060, 65.0980

# Conversions

## Conversions Part 2

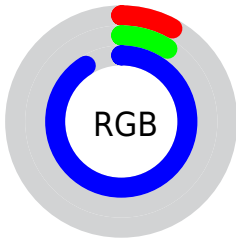
Format	Color
R <sub>Y</sub> B	21, 22, 232
Decimal	1382120
CIE Lab	30.78, 69.52, -97.38
CIE LCh	31, 119.651, 305.523
Yxy	6.5594, 0.1539, 0.0666
Android (android.graphics.Color)	4279572200 (0xFF1516E8)
YUV	45.6410, 91.8750, -21.6102
Hunter-Lab	25.6114, 60.8500, -159.8881




# Details

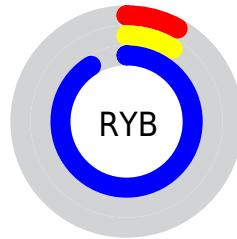
The Android color `4279572200` is a dark color, and the websafe version is hex `0033FF`. The color can be described as dark washed blue. A complement of this color would be `4293453589`, and the grayscale version is `4281150765`.




A 20% lighter version of the original color is `4285943551`, and `4278190254` is the 20% darker color. If you saturate the color by 10%, you get `4278190568`, and if you desaturate by 10%, it is `4281085416`.

# Distribution







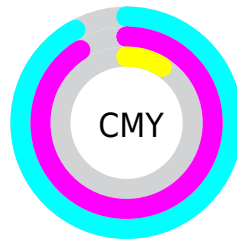
-  Red (8%)
-  Green (9%)
-  Blue (91%)






-  Red (8%)
-  Yellow (9%)
-  Blue (91%)



-  Cyan (91%)
-  Magenta (91%)
-  Yellow (0%)
-  Black (9%)



-  Cyan (92%)
-  Magenta (91%)
-  Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279572200 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4279572200 by changing the saturation by 10% instead.



 4279572200

 4279572200

4294967295

 4278190283

 4285943551

 4278190254

 4288178431

 4278190227

 4290348031

 4278190456

 4292452351

 4278193758

 4294556415

 4278192197

 4294957055

 4278191150

 4294964479

 4278190360

 4278190080

■ 4279572200

■ 4279572200

■ 4278190568

■ 4281085416

■ 4282598632

■ 4284177384

■ 4285690600

■ 4287203816

■ 4288717288

■ 4290230504

■ 4291809256

■ 4293322472

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4278212863



4279572200



4290314393

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4279572200



4287828480



4278215513

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4279572200



4293453589

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4278214656



4279572200



4283059200

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4279572200



4291100672



4278213632



4278216375

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4279572200



4292149339



4278213632



4278215224



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4279572200



4290427647



4279625956



4283914112



4278190080



4286611584



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4279572200



4278190591



4286256616



4284966771



4278190515



4278190131



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4293399830



4294901761



4286769173



4285753191



4289921025

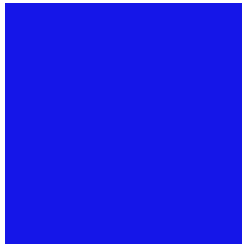


4281532416



# Previews

## White Background



This preview shows how the Android color 4279572200 looks on a white background.

## Color Contrast Check

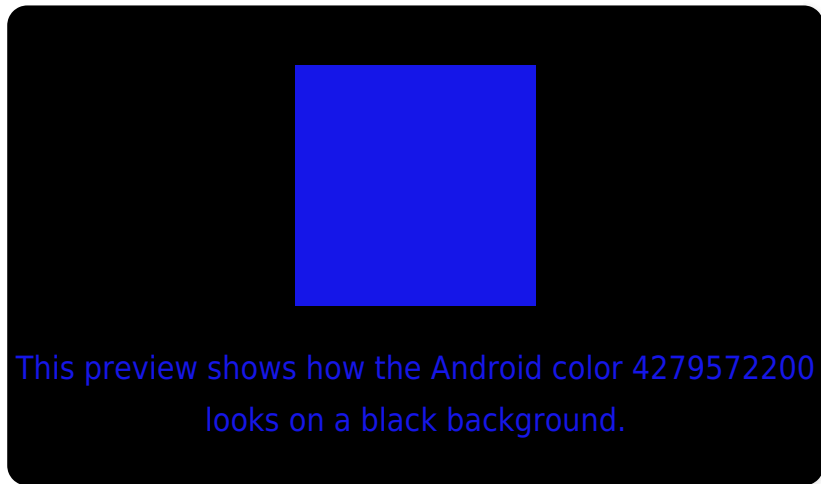
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4279572200 Background



This preview shows how black text looks on a background with the Android color 4279572200.



This preview shows how white text looks on a background with the Android color 4279572200.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
4279572200

**Protanopia**  
4278208147

**Deuteranopia**  
4278209404



# Trichromacy



**Original Color**  
4279572200

**Protanomaly**  
4278728114

**Deuteranomaly**  
4278728867

**Tritanomaly**  
4278729610

# Monochromacy



**Original Color**  
4279572200

**Achromatopsia**  
4281216558

**Achromatomaly**  
4280624498

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279572200 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(21, 22, 232)` looks like.

```
.text, #text, p{  
    color:rgb(21, 22, 232)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(21, 22, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 22, 232) }
```

## Border

The CSS property to change the border of an element to Android 4279572200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(21, 22, 232) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(21, 22, 232) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(21, 22, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 22, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 22, 232);  
box-shadow:4px 4px 4px 4px rgb(21, 22,  
232) }
```

# Background

The CSS property to change the background color of an element to Android 4279572200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 22, 232) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(21, 22,  
232) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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